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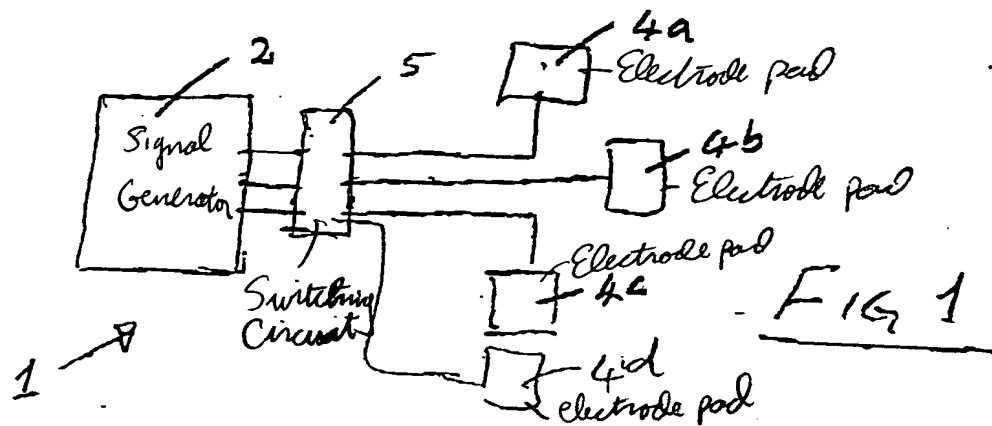


Fig. 2(a)

AMPLITUDE
OF PULSE

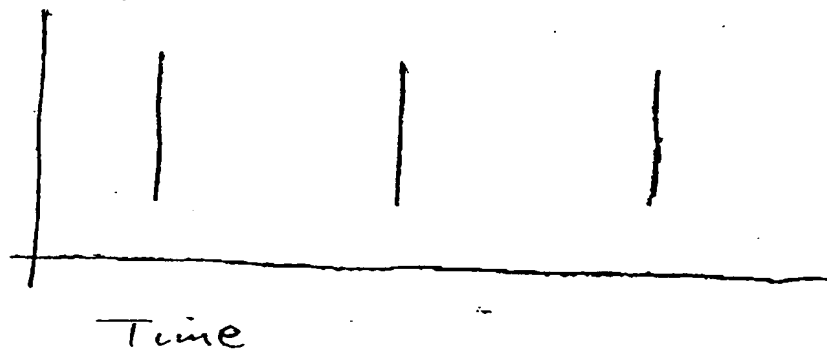


Fig. 2(b)

AMPLITUDE
OF PULSE

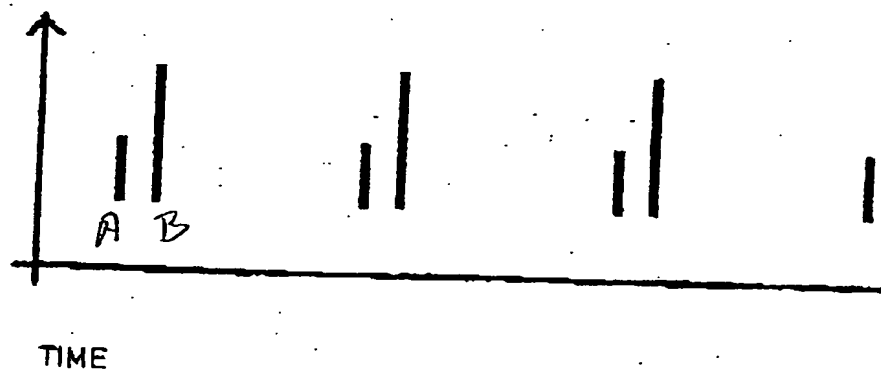


Fig. 2(c)

AMPLITUDE
OF PULSE

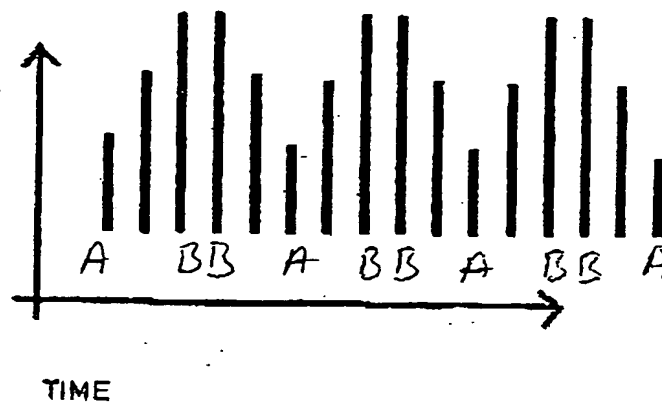


FIG. 3a and FIG. 3b are diagrams of a prosthetic leg assembly. FIG. 3a shows a side view of the leg with various components labeled: 'Gluteal pad' (4c), 'Hamstring pad' (4a), and 'Quadriceps pad' (4b). The leg is shown in a bent position, with the foot (4d) at the bottom. The assembly is connected to a 'Tummy band' (4e) at the top. FIG. 3b shows a top view of the leg, with the 'Tummy band' (4e) and 'Quadriceps pad' (4b) visible. The leg is shown in a straight position, with the foot (4d) at the bottom. The assembly is connected to a 'Tummy band' (4e) at the top.

FIG 3a

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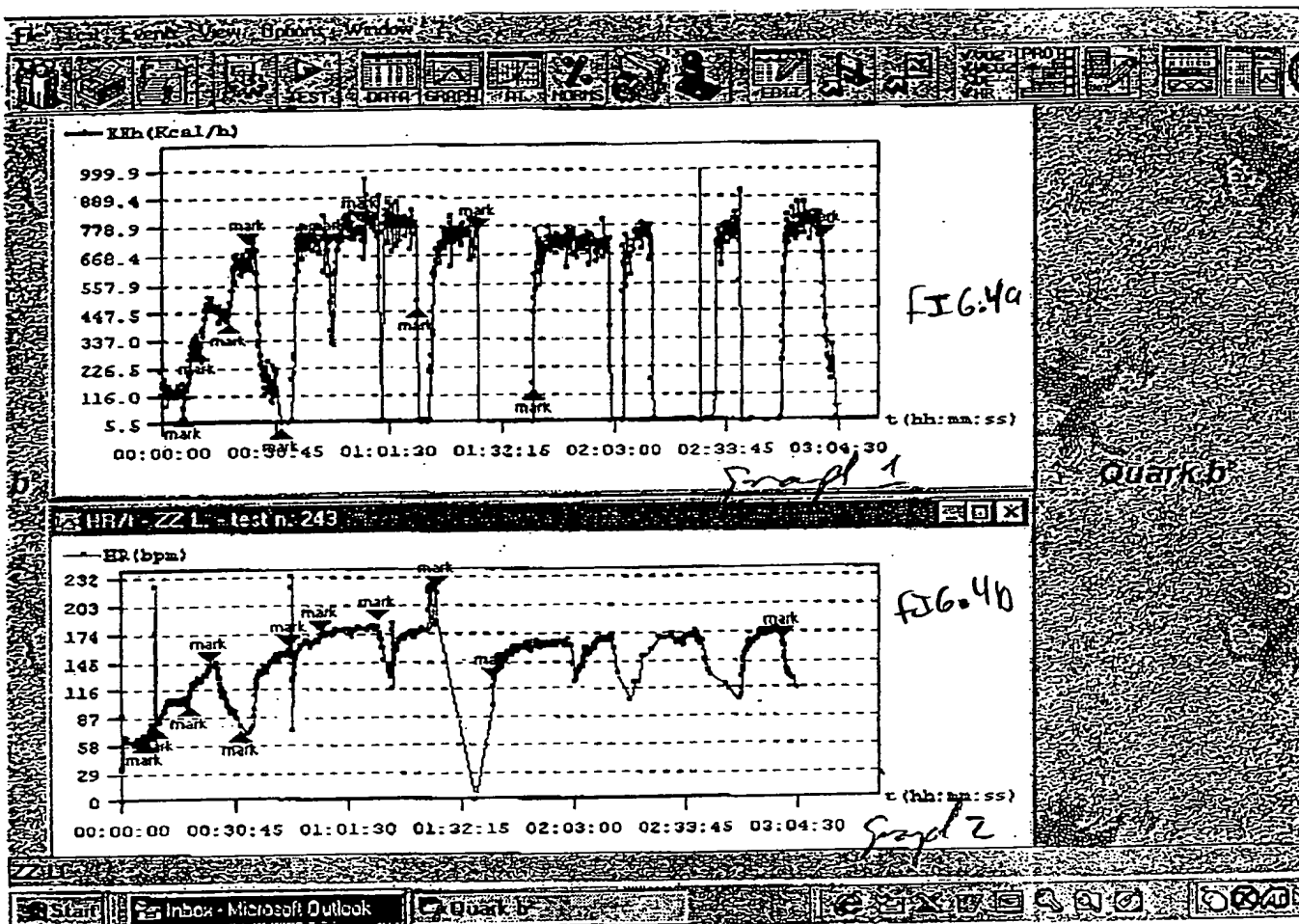
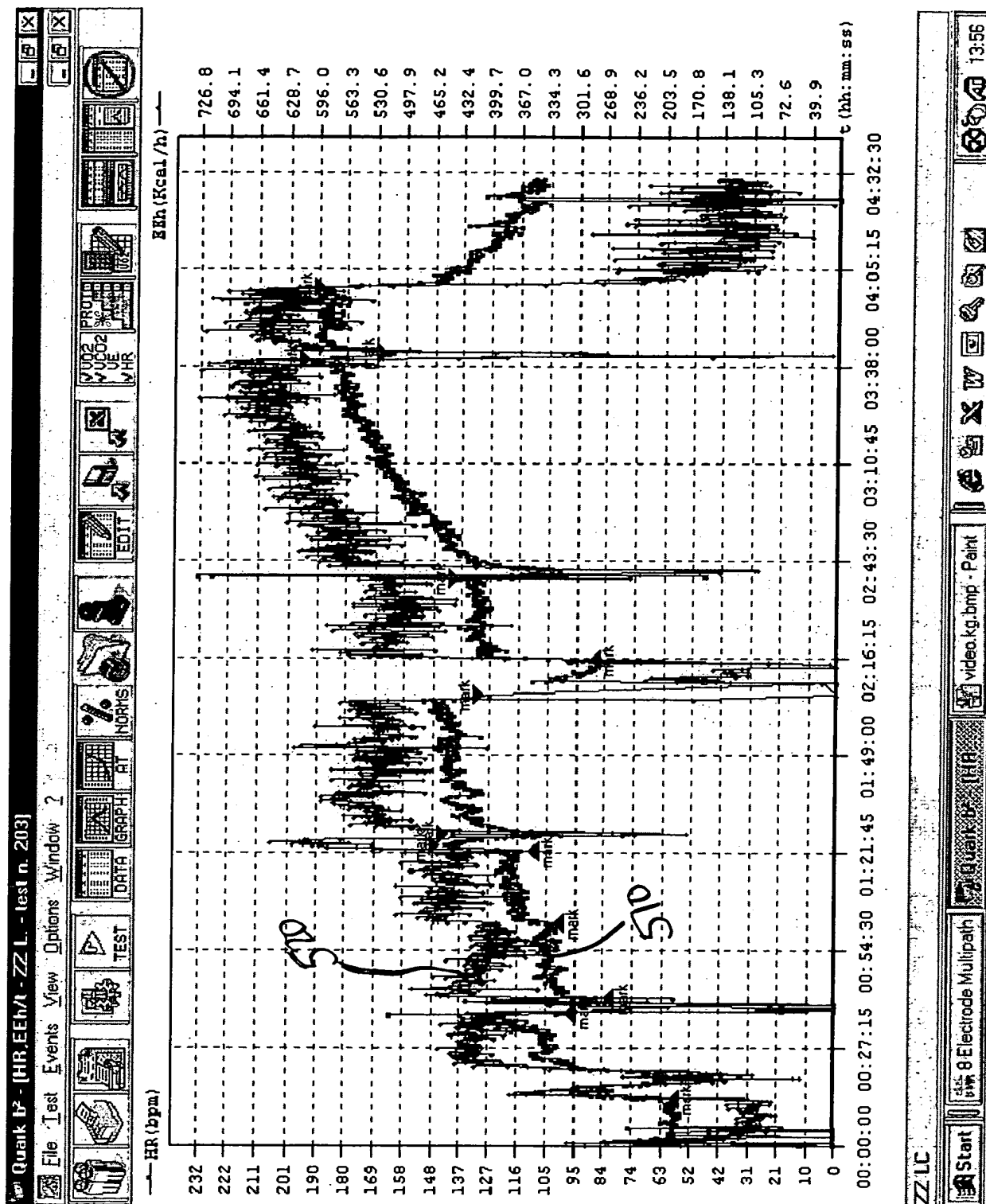


Fig. 5a



with a shot

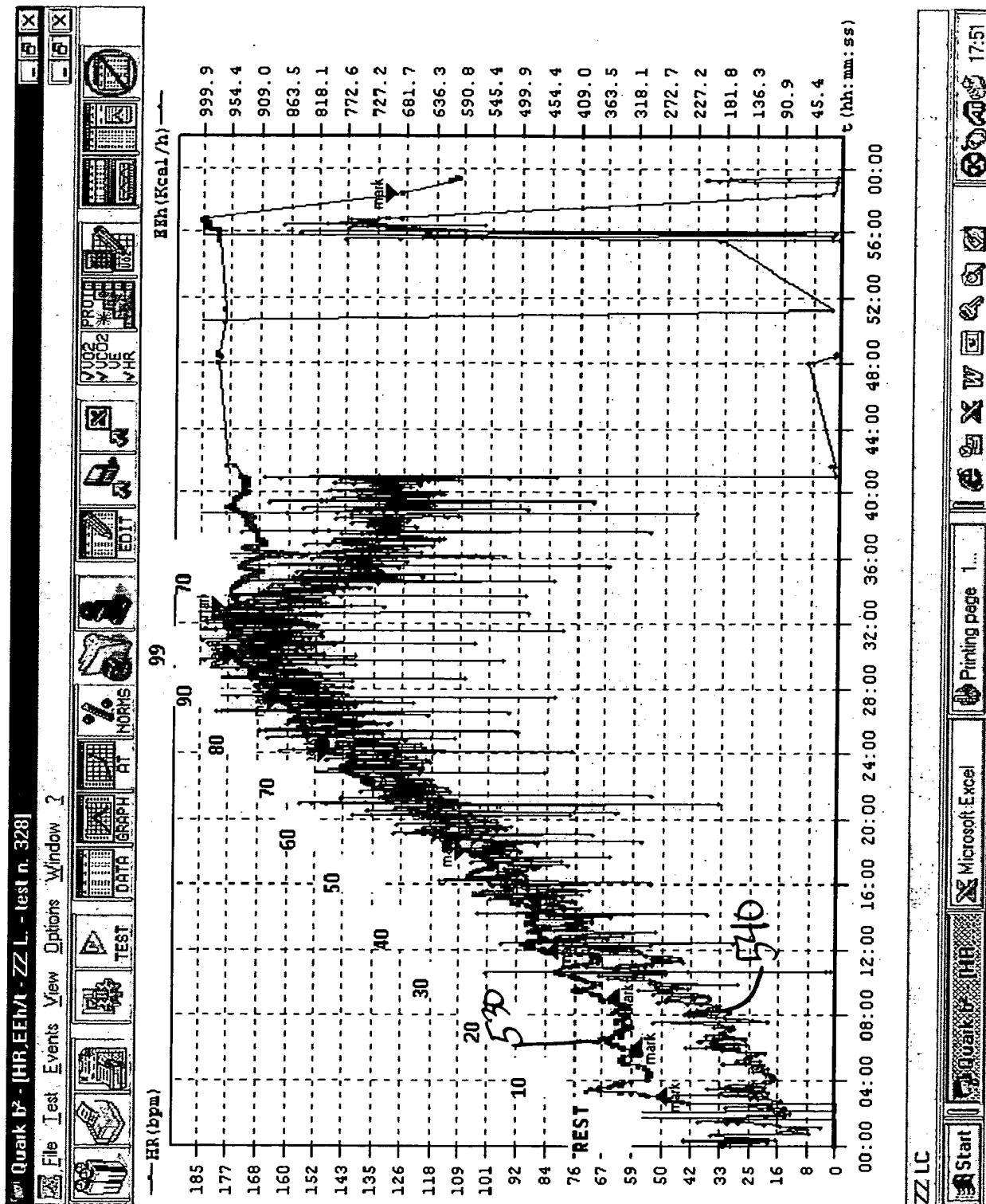


Fig. 5b

1	Port	Time1	Time2	Time3	Time4
	A	hi	hi	hi	hi
	B	lo	lo	lo	x
	C	x	x	hi	x
	D	hi	x	x	lo
	time	100	100	300	125

2	Port	Time1	Time2	Time3	Time4
	A	hi	hi	hi	hi
	B	x	lo	lo	x
	C	x	x	hi	x
	D	lo	x	x	lo
	time	100	100	300	125

3	Port	Time1	Time2	Time3	Time4
	A	hi	hi	hi	hi
	B	x	lo	lo	x
	C	x	x	hi	x
	D	lo	x	x	lo
	time	50	100	350	125

4	Port	Time1	Time2	Time3	Time4
	A	x	hi	hi	hi
	B	hi	lo	lo	x
	C	lo	x	hi	x
	D	x	x	x	lo
	time	100	200	225	100

5	Port	Time1	Time2	Time3	Time4
	A	x	hi	hi	hi
	B	hi	lo	lo	x
	C	lo	x	hi	x
	D	x	x	x	lo
	time	75	200	275	75

6	Port	Time1	Time2	Time3	Time4
	A	lo	x	hi	hi
	B	hi	hi	lo	x
	C	x	lo	hi	x
	D	hi	x	x	lo
	time	250	50	250	100

7	Port	Time1	Time2	Time3	Time4
	A	x	hi	hi	hi
	B	hi	lo	lo	x
	C	lo	x	hi	x
	D	x	x	x	l
	time	75	200	275	150

8	Port	Time1	Time2	Time3	Time4
	A	hi	hi	hi	hi
	B	x	lo	lo	x
	C	x	x	hi	x
	D	lo	x	x	lo
	time	50	100	300	125

9	Port	Time1	Time2	Time3	Time
	A	hi	hi	hi	x
	B	lo	lo	lo	lo
	C	x	x	hi	hi
	D	x	x	x	x
	time	150	150	150	100

FIG. 6